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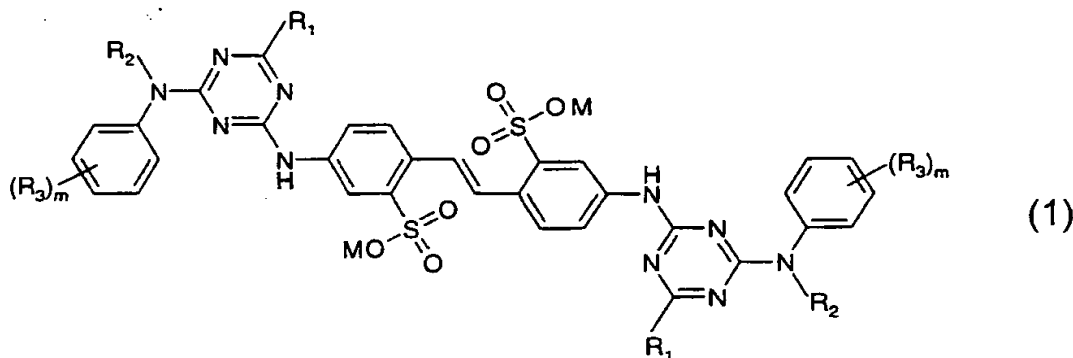
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(54) Title: TRIAZINYLAMINOSTILBENE DERIVATIVE AS FLUORESCENT WHITENING AGENTS



(57) Abstract: The present invention relates to compounds having formula (1): wherein each R<sub>1</sub> represents, independently, a linear C<sub>1</sub>-C<sub>4</sub>-alkylene residue which is unsubstituted or substituted by hydroxy, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-hydroxy- or alkoxy-alkoxy, -OCOM, -OCOC<sub>1</sub>-C<sub>4</sub>-alkyl, or an amino acid residue from which a hydrogen atom on the amino group has been removed; each R<sub>2</sub> represents, independently, a linear C<sub>1</sub>-C<sub>4</sub>-alkylene residue which is unsubstituted or substituted by hydroxy, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-hydroxy- or alkoxy-alkoxy, -OCOM, -OCOC<sub>1</sub>-C<sub>4</sub>-alkyl, -CO<sub>2</sub>M, CO<sub>2</sub>C<sub>1</sub>-C<sub>4</sub>-alkyl SO<sub>3</sub>M or phenoxy which is unsubstituted or substituted by halogen, C<sub>1</sub>-C<sub>4</sub>-alkyl or C<sub>1</sub>-C<sub>4</sub>-alkoxy, -CO<sub>2</sub>M or CO<sub>2</sub>C<sub>1</sub>-C<sub>4</sub>-alkyl, NH<sub>2</sub> or mono- or disubstituted amino; or phenyl which is unsubstituted or substituted by 1 to 3 SO<sub>3</sub>M, SO<sub>2</sub>NHC<sub>1</sub>-C<sub>4</sub>-alkyl, -SO<sub>2</sub>NH<sub>2</sub>, -CO<sub>2</sub>M, -CO<sub>2</sub>C<sub>1</sub>-C<sub>4</sub>-alkyl, -CONH<sub>2</sub>, -CONHC<sub>1</sub>-C<sub>4</sub>-alkyl, -NHCOC<sub>1</sub>-C<sub>4</sub>-alkyl or mono- or disubstituted amino groups; each R<sub>3</sub> represents independently, hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, halogen, cyano, SO<sub>3</sub>M, -SO<sub>2</sub>NH<sub>2</sub>, SO<sub>2</sub>NHC<sub>1</sub>-C<sub>4</sub>-alkyl, -CO<sub>2</sub>M, -CO<sub>2</sub>C<sub>1</sub>-C<sub>4</sub>-alkyl, -CONH<sub>2</sub>, -CONHC<sub>1</sub>-C<sub>4</sub>-alkyl, or -NHCOC<sub>1</sub>-C<sub>4</sub>-alkyl; M is hydrogen, an alkali metal atom, ammonium or a cation formed from an amine and m is an integer of 1 to 3, a process for their preparation and use of the compounds as optical brightening agents for synthetic or natural organic materials or for removing stain in photographic materials.

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